FIG.1

SPARSE PATTERN REGION (INTERMEDIATE PITCH OR LARGER)

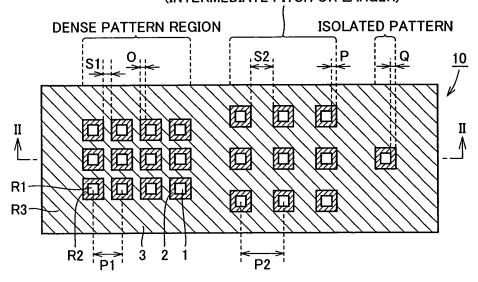


FIG.2

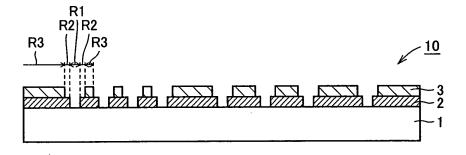


FIG.3

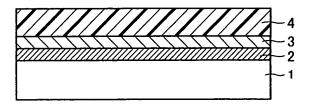


FIG.4

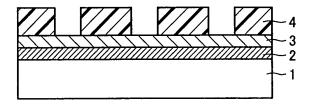


FIG.5

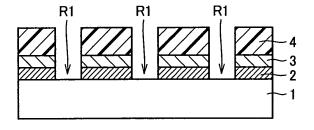


FIG.6

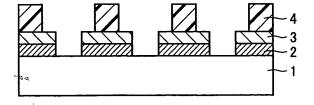


FIG.7

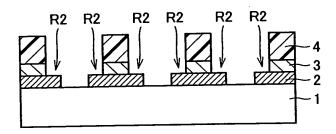


FIG.8

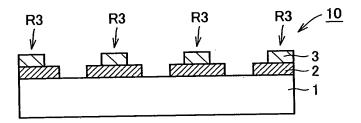
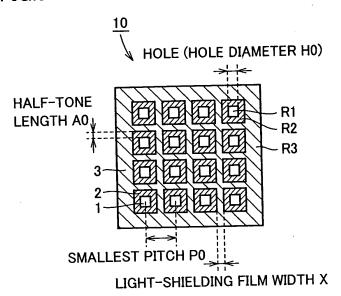


FIG.9



HALF-TONE LENGTH A

TO HOLE (HOLE DIAMETER H)

R1
R2
R3
R3

LIGHT-SHIELDING FILM WIDTH Y

FIG.11

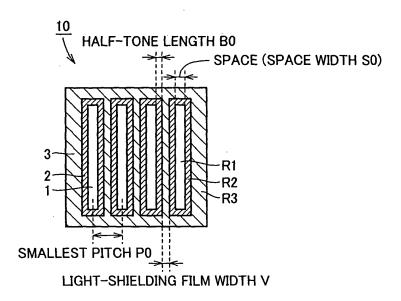


FIG.12

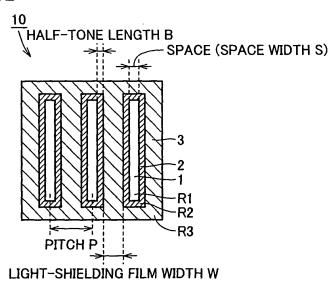


FIG.13

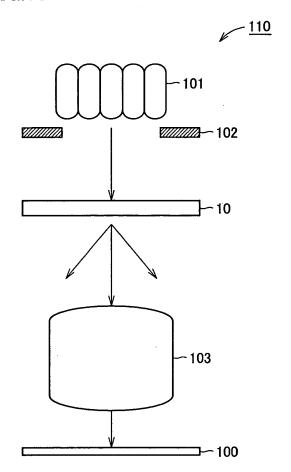


FIG.14

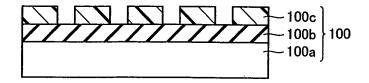


FIG.15

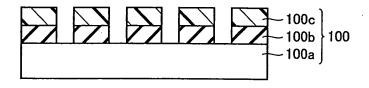


FIG.16

